

Contents

Sedimentary Geology, Volume 51, 1987

| | |
|--|-----|
| Introduction | 1 |
| Provenance and petrology of Deep Sea Drilling Project sands and sandstones from the Japan and Mariana forearc and backarc regions B.M. Packer and R.V. Ingersoll (Los Angeles, Calif., U.S.A.) | 5 |
| Petrology and provenance of Deep Sea Drilling Project sand and sandstone from the North Pacific Ocean and the Bering Sea L.D. Gergen (Menlo Park, Calif., U.S.A.) and R.V. Ingersoll (Los Angeles, Calif., U.S.A.) ... | 29 |
| Sediment provenance within subduction complexes—An example from the Aleutian forearc M.B. Underwood (Columbia, Mo., U.S.A.) | 57 |
| Anatomy of an early Paleozoic subduction complex in the central Appalachian orogen G.G. Lash (Fredonia, N.Y., U.S.A.) | 75 |
| Sedimentary facies and tectonic implications of Lower Mesozoic alluvial-fan conglomerates of the Newark Basin, northeastern United States A.T. Arguden and K.S. Rodolfo (Chicago, Ill., U.S.A.) | 97 |
| Miocene sediment dispersal in the central Española basin, Rio Grande rift, New Mexico, U.S.A. W. Cavazza (Los Angeles, Calif., U.S.A.) | 119 |
| <i>Research Papers</i> | |
| Compositional maturity of limestones—A review R. Smosna (Morgantown, W.Va., U.S.A.) | 137 |
| Diagenetic "replacement" of feldspars by titanium oxides in sandstones S. Morad and A.A. AlDahan (Uppsala, Sweden) | 147 |
| Diagenetic chloritization of feldspars in sandstones S. Morad and A.A. AlDahan (Uppsala, Sweden) | 155 |
| Gordo megabed: A possible seismite in a Tortonian submarine fan, Tabernas Basin, Province Almería, southeast Spain K. Kleverlaan (Amsterdam, The Netherlands) | 165 |
| Fluvial architecture of the Upper Permian Raniganj coal measure in the Damodar Basin, eastern India S.M. Casshyap and A. Kumar (Aligarh, India) | 181 |
| A Lower Silurian transgressive carbonate succession in Ringerike (Oslo Region, Norway) N.K. Möller (Oslo, Norway) | 215 |
| Examples of biogenic support of mineralization in two oolitic iron ores—Lorraine (France) and Gara Djebilet (Algeria) Y. Champetier (Nancy, France), E. Hamdadou (Vandoeuvre les Nancy) and M. Hamdadou (Nancy, France) | 249 |
| Surface sediments and macrofaunas of the Crati submarine fan (Ionian Sea, Italy) A. Colella (Cosenza, Italy) and I. di Geronimo (Catania, Italy) | 257 |
| Les minéraux argileux de Crétacé du Bassin sénégalais (entre Sénégal et Gambie)—Facteurs paléogéographiques de genèse et diagenèse L. Michaud and R. Plicoteaux (Marseille, France) | 279 |

Guide for Authors